AMENDMENT OF SOLICIT	TATION/MODIFI	CATION OF CONTRACT		1. CONTRACT ID CODE J		E OF PAGE
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.			CT NO.(If a	nnlicable)
0003	21-Sep-2005	W16ROE-5199-6087		5.1 KOJI	(11 a	P
6. ISSUED BY CODE	W912DS	7. ADMINISTERED BY (If other than item 6))	CODE		
USA ENGINEER DISTRICT, NEW YORK ATTN:CENAN-CT ROOM 1843 26 FEDERAL PLAZA NEW YORK NY 10278		See Item 6				
8. NAME AND ADDRESS OF CONTRACTOR	(No., Street, County	, State and Zip Code)	Χ	9A. AMENDMENT OF W912DS-05-T-0031	SOLICIT	ATION NO
			Х	9B. DATED (SEE ITEN 14-Sep-2005	И 11)	
				10A. MOD. OF CONTR	ACT/ORI	DER NO.
	1			10B. DATED (SEE IT)	EM 13)	
CODE	FACILITY COL	DE PPLIES TO AMENDMENTS OF SOLI	CIT	CATIONS		
X The above numbered solicitation is amended as set for			$\overline{}$		extended.	
Offer must acknowledge receipt of this amendment p (a) By completing Items 8 and 15, and returning or (c) By separate letter or telegram which includes a RECEIVED AT THE PLACE DESIGNATED FOR T REJECTION OF YOUR OFFER. If by virtue of this a provided each telegram or letter makes reference to the	copies of the amendme reference to the solicitation CHE RECEIPT OF OFFER amendment you desire to ch	nt; (b) By acknowledging receipt of this amendn on and amendment numbers. FAILURE OF YOU S PRIOR TO THE HOUR AND DATE SPECIF ange an offer already submitted, such change ma	nent ou UR A TIED ay be	on each copy of the offer subm CKNOWLEDGMENT TO BI MAY RESULT IN made by telegram or letter,		
12. ACCOUNTING AND APPROPRIATION D	ATA (If required)					
		O MODIFICATIONS OF CONTRACTS T/ORDER NO. AS DESCRIBED IN IT				
A. THIS CHANGE ORDER IS ISSUED PUR CONTRACT ORDER NO. IN ITEM 10A	SUANT TO: (Specif				E IN THE	
B. THE ABOVE NUMBERED CONTRACT/ office, appropriation date, etc.) SET FOR	RTH IN ITEM 14, PU	RSUANT TO THE AUTHORITY OF I			anges in pa	aying
C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO E	PURSUANT TO AUTHORITE OF:				
D. OTHER (Specify type of modification and	d authority)					
E. IMPORTANT: Contractor is not,	is required to sig	gn this document and return	col	pies to the issuing office.		
14. DESCRIPTION OF AMENDMENT/MODIF where feasible.) The purpose of amendment 0003 is to incorp	_			-		
The closing date for submittal of Request for	Quotes (RFQ) is exte	ended to 30 September 2005 at 2:00 P	M.			
All other terms and conditions remain uncha	nged.					
Except as provided herein, all terms and conditions of the d						•
15A. NAME AND TITLE OF SIGNER (Type of	or print)	16A. NAME AND TITLE OF CO	NT	RACTING OFFICER (Type or pr	int)
		TEL:		EMAIL:		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNE	D 16B. UNITED STATES OF AME	RIC	A	16C. DAT	E SIGNED
	.	BY			21-Sep-	2005
(Signature of person authorized to sign)		(Signature of Contracting O	ffice	er)	•	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION SF 1449 - CONTINUATION SHEET

The following have been added by full text:

SPECIFICATION

REHABILITATION OF DRIFT COLLECTION VESSEL HAYWARD and DRIFTMASTER PROPELLER SHAFTS AUGUST 2005

Definite Workscope

I. GENERAL

Physical Description of Propeller Shafts (Each):

HAYWARD Shaft

Length: 22'-11" Diameter: 6-1/2 inches Sleeves: Two (2)

Sleeve Diameters: 7-3/8 inches Sleeve Lengths: 31 inches and 42 inches

Keyways: Two (2)

Keys: Two (2) 316 Stainless Steel Other Features: Tapered with threaded shanks at both

ends

Materials: Shaft: Stainless Steel Aquamet 22

Sleeves: Bronze ABS Grade 2

Propeller Nuts: Two (2) Bronze ABS Grade 2

Certification: American Bureau of Shipping

DRIFTMASTER Shaft

Length: 15'- 6-1/2" Diameter: 4-1/2 inches Sleeves: Two (2)

Sleeve Diameters: 5-1/2 inches Sleeve Lengths: 33 inches and 26 inches

Keyways: Two (2)

Keys: Two (2) 316 Stainless Steel

Other Features: Tapered with threaded shanks at both

ends

Materials: Shaft: Stainless Steel Aquamet 22

Sleeves: Bronze ABS Grade 2

Propeller Nuts: Two (2) Bronze ABS Grade 2

Certification: American Bureau of Shipping

Number of Shafts covered by these specifications: Four (4)

The new shafts shall be machined in accordance with General Ship and Engine Works Drawing Number 1-00015 Sheet #1, for the HAYWARD and Marine Design Center drawing 347-C610-01 for the DRIFTMASTER. The drawings will be provided to the contractor at the start of contract work. All materials and machining is to be performed in accordance with American Bureau of Shipping Standards and each shaft is to be stamped and numbered by ABS.

The contractor shall deliver the shafts to Caven Point Terminal, Jersey City, N.J. The contractor shall keep safe and secure the shafts with all their attachments such as propeller and coupling nuts, keys, key screws and cotter pins.

II. TOLERANCES

A. The shaft shall have a straightness of 0.03 inches maximum run out from the shaft's centerline over its entire length.

B. The contractor shall furnish and install new 316 Stainless steel keys, key screws, propeller nuts and cotter pins. Keys shall be firmly but not tightly screwed into their respective keyways and shall be match-marked with their respective keyways in a manner acceptable to the Contracting Officer's representative and the American Bureau of Shipping on-site surveyor.

C. The contractor shall furnish and shrink fit new sleeves on the shafts as follows:

The new sleeves shall be located upon the shafts in accordance with General Ship and Engine Works Drawing number 1-00015 sheet #1 for the HAYWARD and Marine Design Center drawing 347-C610-01 for the DRIFTMASTER.

The sleeves shall be bored, honed or ground to have an interference fit of 0.0030 inches minimum and 0.0050 inches maximum in their respective locations upon the shafts. The inside wall straightness of the sleeves shall not vary by more than 0.001 inches along the long axis of the sleeve. The sleeve sizes shall be 7-3/8 inches outside diameter, 6-1/2 inches inside diameter and 42 inches long for the forward end sleeves and 31 inches long for the after end sleeves. Finished sleeve outside diameter tolerances shall be plus 0.000 inches and minus 0.003 inches.

Prior to installing the shaft sleeves, the contractor shall measure the final bore sizes of the sleeves and the shaft diameters at the respective sleeve locations in order to conform to the above clearances with the shafts and sleeves at not more than two (2) degrees Fahrenheit apart in temperature. The contractor shall heat the sleeves to not more than 600 degrees Fahrenheit in order to install them upon the shafts.

The following have been modified:

REVISED SPECIFICATION

REHABILITATION OF DRIFT COLLECTION VESSEL
HAYWARD and DRIFTMASTER PROPELLER SHAFTS
AUGUST 2005

Definite Workscope

I. GENERAL

Physical Description of Propeller Shafts (Each):

HAYWARD Shaft

Length: 22'-11"
Diameter: 6-1/2 inches
Sleeves: Two (2)

Sleeve Diameters: 7-3/8 inches Sleeve Lengths: 31 inches and 42 inches

Keyways: Two (2)

Other Features: Tapered with threaded shanks at both

ends

Materials: Shaft: Aquamet 22 Stainless Steel

Sleeves: Bronze

Certification: American Bureau of Shipping

DRIFTMASTER Shaft

Length: 15'- 6-1/2" Diameter: 4-1/2 inches Sleeves: Two (2)

Sleeve Diameters: 5-1/2 inches Sleeve Lengths: 33 inches and 26 inches

Keyways: Two (2)

Other Features: Tapered with threaded shanks at both

ends

Materials: Shaft: Stainless Steel Aquamet 22

Sleeves: Bronze

Certification: American Bureau of Shipping

Number of Shafts covered by these specifications: Four (4)

The new shafts shall be machined in accordance with General Ship and Engine Works Drawing Number 1-00012 Sheet #1, for the HAYWARD and Marine Design Center drawing 347-C610-01 for the DRIFTMASTER. The drawings will be provided to the contractor at the start of contract work. All materials and machining is to be performed in accordance with American Bureau of Shipping Standards and each shaft is to be stamped and numbered by ABS.

The contractor shall deliver the shafts to Caven Point Terminal, Jersey City, N.J. The contractor shall keep safe and secure the shafts with all their attachments such as propeller and coupling nuts, keys, key screws and cotter pins.

II. TOLERANCES

A. The shaft shall have a straightness of 0.03 inches maximum run out from the shaft's centerline over its entire length.

B. The contractor shall furnish and install new 316 Stainless steel keys, key screws and cotter pins. Keys shall be firmly but not tightly screwed into their respective keyways and shall be match-marked with their respective keyways in a manner acceptable to the Contracting Officer's representative and the American Bureau of Shipping on-site surveyor.

C. The contractor shall furnish and shrink fit new sleeves on the shafts as follows:

The new sleeves shall be located upon the shafts in accordance with General Ship and Engine Works Drawing number 1-00012 sheet #1 for the HAYWARD and Marine Design Center drawing 347-C610-01 for the DRIFTMASTER.

The sleeves shall be bored, honed or ground to have an interference fit of 0.0030 inches minimum and 0.0050 inches maximum in their respective locations upon the shafts. The inside wall straightness of the sleeves shall not vary by more than 0.001 inches along the long axis of the sleeve. The sleeve sizes shall be 7-3/8 inches outside diameter, 6-1/2 inches inside diameter and 42 inches long for the forward end sleeves and 31 inches long for the after end sleeves. Finished sleeve outside diameter tolerances shall be plus 0.000 inches and minus 0.003 inches.

Prior to installing the shaft sleeves, the contractor shall measure the final bore sizes of the sleeves and the shaft diameters at the respective sleeve locations in order to conform to the above clearances with the shafts and sleeves at not more than two (2) degrees Fahrenheit apart in temperature. The contractor shall heat the sleeves to not more than 600 degrees Fahrenheit in order to install them upon the shafts.

(End of Summary of Changes)